

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

Claim 1 (Currently Amended): A method for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users which comprises collectively receiving power, at a receiving and distributing part, said power ~~which~~ is purchased by a management company based on a purchase contract with an electric power company in consideration of the total amount of necessary power at a high voltage, grasping a maximum current capacity necessary for each of the users, determining a contracted current for each of the users depending on the maximum current capacity, setting an adjustable current limiter to said determined contract current for each of the users, and distributing said received power to each of the users.

Claim 2 (Previously Presented): The method for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users according to claim 1, wherein
an excessive current capacity which is not necessary for one user is allocated to another user who need the excessive current capacity.

Claim 3 (Previously Presented): The method for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users according to claim 1, wherein

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each of the users makes a request for his necessary current capacity, a current capacity based on the request is allocated to each of the users, and the contracted current to be distributed to each of the users is changed.

Claim 4 (Previously Presented): The method for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users according to claim 1, wherein

each of the users is charged a penalty when a current actually used exceeds the contracted current allocated to each of the users.

Claim 5 (Currently Amended): A method for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users which comprises collectively receiving power, at a receiving and distributing part, said power ~~which~~ is purchased by a management company based on a purchase contract with an electric power company in consideration of the total amount of necessary power at a high voltage, grasping a maximum current capacity necessary for each of the users, determining a contracted current for each of the users depending on the maximum current capacity, and distributing said received power by said receiving and distributing part at a low voltage to each of the users,

further comprises making a request for a necessary current capacity by each of the users, allocating a current capacity based on the request to each of the users, and changing the contracted current to be distributed to each of the users,

and further comprises determining a user who adds a current capacity by an auction when a total requested current capacity is larger than a total contracted current to be distributed.

Claim 6 (Previously Presented): The method for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users according to claim 5, wherein

each of the users is charged a penalty when a current actually used exceeds the contracted current allocated to each of the users.

Claim 7 (Currently Amended): A collective housing for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users which comprises:

a receiving and distribution part for collectively receiving power which is purchased by a management company based on a purchase contract with an electric power company in consideration of the total amount of necessary power at a high voltage and distributing said received power at a low voltage to each of the users;

a current limiter provided to each of the users;

a server for controlling a distribution status of each of the users, ~~[[and]]~~ determining a contracted current for each of the users on the basis of information on each of the users supplied to the server and setting said current limiter to said contracted current for each of the users; and

a network for connecting said sever to each of the users.

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Claim 8 (Previously Presented): The collective housing for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users according to claim 7, wherein a control device for controlling and displaying information on power consumed by each of the users is provided, and the control device and the server are connected via the network.

Claim 9 (Previously Presented): The collective housing for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users according to claim 7, wherein an excessive current capacity which is not necessary for one user is given to the server, information on another user willing to increase a contracted current is given to the server, and the excessive current capacity is allocated to the another user on the basis of the information.

Claim 10 (Previously Presented): The collective housing for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users according to claim 7, wherein information on a maximum current capacity required by each of the users is given to the server, the server determines the contracted current of each of the users on the basis of the information and distributes the power to each of the users.

Claim 11 (Previously Presented): The collective housing for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users according to claim 7, wherein

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the server determines a user who can have an additional current capacity on the basis of auction information supplied from each of the users when a total current capacity requested by each of the users is larger than a total contracted current to be distributed.

Claim 12 (Currently Amended): A collective housing for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users which comprises:

a receiving and distribution part for collectively receiving power which is purchased by a management company based on a purchase contract with an electric power company in consideration of the total amount of necessary power at a high voltage and distributing said received power at a low voltage to each of the users;

a server for controlling a distribution status of each of users and determining a contracted current for each of the users on the basis of information on each of the users supplied to the server;

a control device for controlling and displaying information on power consumed by each of the users;

a current limiter provided to each of the users, the current limiter being controlled on the basis of information from the server; and

a network for connecting said sever to said control device and to each of the users.

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Claim 13 (Previously Presented): The collective housing for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users according to claim 12, wherein

an excessive current capacity which is not necessary for one user is given to the server, information on another user willing to increase a contracted current is given to the server, and the excessive current capacity is allocated to the another user on the basis of the information.

Claim 14 (Previously Presented): The collective housing for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users according to claim 12, wherein

information on a maximum current capacity required by each of the users is given to the server, and the server determines the contracted current of each of the users on the basis of the information and distributes the power to each user.

Claim 15 (Previously Presented): The collective housing for collectively receiving power at a high voltage and distributing at a low voltage to a plurality of users according to claim 12, wherein

the server determines a user who can have an additional current capacity on the basis of auction information supplied from each of the users when a total current capacity requested by each of the users is larger than a total contracted current to be distributed.